

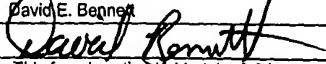
Please type a plus sign (+) inside this box → +

PTO/SB/05 (2/98)
Approved for use through 09/30/2000. OMB 0651-0032Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR § 1.53(b))</i>	Attorney Docket No.	4015-5072
	First Inventor or Application Identifier	
	Title	Adaptive Hybrid ARQ Algorithms
	Express Mail Label No.	EV 051923582 US

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Specification [Total Pages 36] <i>(preferred arrangement set forth below)</i> — Descriptive title to the Invention — Cross References to Related Applications — Statement Regarding Fed sponsored R & D — Reference to Microfiche Appendix — Background of the Invention — Brief Summary of the Invention — Brief Description of the Drawings <i>(if filed)</i> — Detailed Description — Claim(s) — Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 4] 4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 3] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting</i> <i>inventor(s) named in the prior application,</i> <i>see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</i> 5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> <i>The entire disclosure of the prior application, from which a</i> <i>copy of the oath or declaration is supplied under Box 4b,</i> <i>is considered as being part of the disclosure of the</i> <i>accompanying application and is hereby incorporated by</i> <i>reference therein.</i>		6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i> 7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy <i>(identical to computer copy)</i> c. <input type="checkbox"/> Statement verifying identity of above copies ACCOMPANYING APPLICATION PARTS 8. <input checked="" type="checkbox"/> Assignment Papers <i>(cover sheet & document(s))</i> 9. <input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS <i>Citations</i> 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 14. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application, <i>Statement(s)</i> Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input checked="" type="checkbox"/> Other: Express Mail Certification	
<div style="border: 1px solid black; padding: 5px;"> <i>*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</i> </div>			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____ / _____ <i>Prior application information:</i> _____ <i>Examiner:</i> _____ 			

18. CORRESPONDENCE ADDRESS 24112 <small>PATENT & TRADEMARK OFFICE</small> <i>(Insert Customer No. or Attach bar code label here)</i>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		or <input type="checkbox"/> Correspondence address below	
NAME			
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

Name (Print/Type)	David E. Bennett	Registration No. (Attorney/Agent)	32,194
Signature	 Date July 22, 2003		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

21910 U.S. PRO
210/624321
07/22/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Cheng**)
Serial No.:)
Filed:)
Title: **ADAPTIVE HYBRID ARQ ALGORITHMS**)
Attorney's Docket No: 4015-5072)
)
)
)
)

**EXPRESS MAIL CERTIFICATION
LABEL NO.: EV 051923582 USUS**

Raleigh, North Carolina
July 22, 2003

MS PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

EXPRESS MAIL CERTIFICATE LABEL NO.: EV 051923582 US

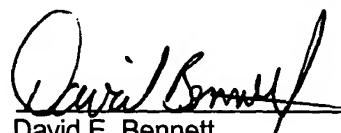
DATE MAILED: July 22, 2003

I hereby certify that the enclosed US Utility Patent Application Transmittal Form, Fee Transmittal Form (2 copies), specification and claims, drawings (4 sheets), Declaration and Power of Attorney, Assignment and Recordation Sheet, and our check number 09681 in the amount of \$2470 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:



David E. Bennett
Registration No. 32,194

Telephone: (919) 854-1844

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07/22/03

FEE TRANSMITTAL

16076 Patent fees are subject to annual revision on October 1
 These are the fees effective December 29, 1999.
 Small Entity payments must be supported by a small entity statement.
 Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
 See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$2470.00)

Complete if Known

Application Number	TBA
Filing Date	July 22, 2003
First Named Inventor	Jung-Fu Cheng
Examiner Name	TBA
Group Art Unit	TBA
Attorney Docket No.	4015-5072

METHOD OF PAYMENT (check one)

1. The Commission is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 18-1167

Deposit Account Name Coats & Bennett, P.L.L.C.

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR § 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:
 Check Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	750	Utility filing fee	750.00
106	310	Design filing fee	
107	480	Plant filing fee	
108	760	Reissue filing fee	
114	150	Provisional filing fee	
SUBTOTAL (1)			(\$750.00)

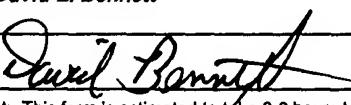
2. EXTRA CLAIM FEES

Total Claims	-20** =	Extra Claims	Fee from below	Fee Paid
Independent Claims 8	-20** =	70	X 18.00	= 1260.
Multiple Dependent Claims	-3** =	5	X 84.00	= 420.

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	Claims in excess of 20
102	78	Independent claims in excess of 3
104	260	Multiple dependent claim
109	78	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$1680.00)

3. Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examination action	
115	110	Extension for reply within first month	
116	380	Extension for reply within second month	
117	870	Extension for reply within third month	
118	1,360	Extension for reply within fourth month	
128	1,850	Extension for reply within fifth month	
119	300	Notice of Appeal	
120	300	Filing a brief in support of an appeal	
121	260	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,210	Petition to revive - unintentional	
142	1,210	Utility issue fee (or reissue)	
143	430	Design issue fee	
144	580	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Stmt.	
581	40	Recording each patent assignment per property (times number of properties)	40.00
146	760	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$40.00)

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	David E. Bennett			Reg. Number	32,194
Signature		Dat	July 22, 2003	Deposit Account User ID	18-1167

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